

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TEMPORARY TRAFFIC SIGNAL AT MD 210 (INDIAN HEAD HIGHWAY) AND DETOURED MD 414 (OXON HILL ROAD). INTERSECTION LIGHTING WILL BE MAINTAINED AT THIS LOCATION. IT IS ASSUMED THAT MD 210 (INDIAN HEAD HIGHWAY) RUNS IN A NORTH-SOUTH DIRECTION. THE POSTED SPEED LIMIT IS 45 MPH.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA SIX-PHASE OPERATION, FULLY-ACTUATED MODE. MD 414 (OXON HILL ROAD) OPERATES IN SEPARATE PHASES. A LEADING NORTHBOUND LEFT-TURN AND LAGGING SOUTHBOUND LEFT-TURN IS PROVIDED ON MD 210 (INDIAN HEAD HIGHWAY).

CONTROLLER REQUIREMENTS

MAINTAIN THE FULL-TRAFFIC-ACTUATED, SOLID STATE EIGHT-PHASE CONTROLLER WITH TELEMETRY MODULE AND VIDEO TRAFFIC DETECTION SYSTEM LOCATED IN THE POLE MOUNTED CABINET.

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT 3 ARE:
MR. MAJIB SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-513-7358

MR. AUGUSTINE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
301-513-7350

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-513-7304

THE CONTACT PERSONS FOR THE OFFICE OF TRAFFIC AND SAFETY ARE:

MR. RICHARD DAFF
DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SYNDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7631

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
410-787-7652

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7676

THE POWER COMPANY REPRESENTATIVES ARE:
MR. RICHARD CHILCOAT
POTOMAC ELECTRIC POWER COMPANY
- ELECTRIC SERVICE
301-967-5805

MR. JOE NICE
POTOMAC ELECTRIC POWER COMPANY
- RELOCATIONS
202-388-2581

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 & 6					G	G					R	R	R	R	R	R	R	
1 CHANGE					G	G					R	R	R	R	R	R	R	
PHASE 2 & 6					G	G					G	G	R	R	R	R	R	
6 CHANGE					Y	Y					G	G	R	R	R	R	R	
PHASE 2 & 5					R	R					G	G	R	R	R	R	R	
2 & 5 CHANGE					R	R					Y	Y	R	R	R	R	R	
PHASE 3					R	R					R	R			G	G	R	
3 CHANGE					R	R					R	R	Y	Y	Y	R	R	
PHASE 4					R	R					R	R	R	R	G	G		
4 CHANGE					R	R					R	R	R	R	Y	Y	Y	
FLASHING	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MDSA.

NOTE: NO EQUIPMENT IS TO BE SUPPLIED BY MDSA. ALL MATERIALS ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CAT. CODE	QUANTITY	DESCRIPTION
120500	1 LS	MAINTENANCE OF TRAFFIC
585624	45 LF	24 INCH HEAT APPLIED WHITE PERM. PREF. THERMO. PVMNT MRKNG
860265	5 EA	RELOCATE EXISTING SIGNAL HEAD
813006	26 SF	RELOCATE SIGNS FROM EXISTING OVERHEAD STRUCTURES
813023	25 SF	RELOCATE EXISTING GROUND MOUNTED SIGN
800000	1 LS	REMOVE AND DISPOSE OF EXISTING MATERIALS AND EQUIPMENT

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND RETURNED TO MDSA.

NOTE: NO EQUIPMENT IS TO BE RETURNED TO MDSA. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR BECOME THE PROPERTY OF THE CONTRACTOR.



MD 210 INDIAN HEAD HIGHWAY IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

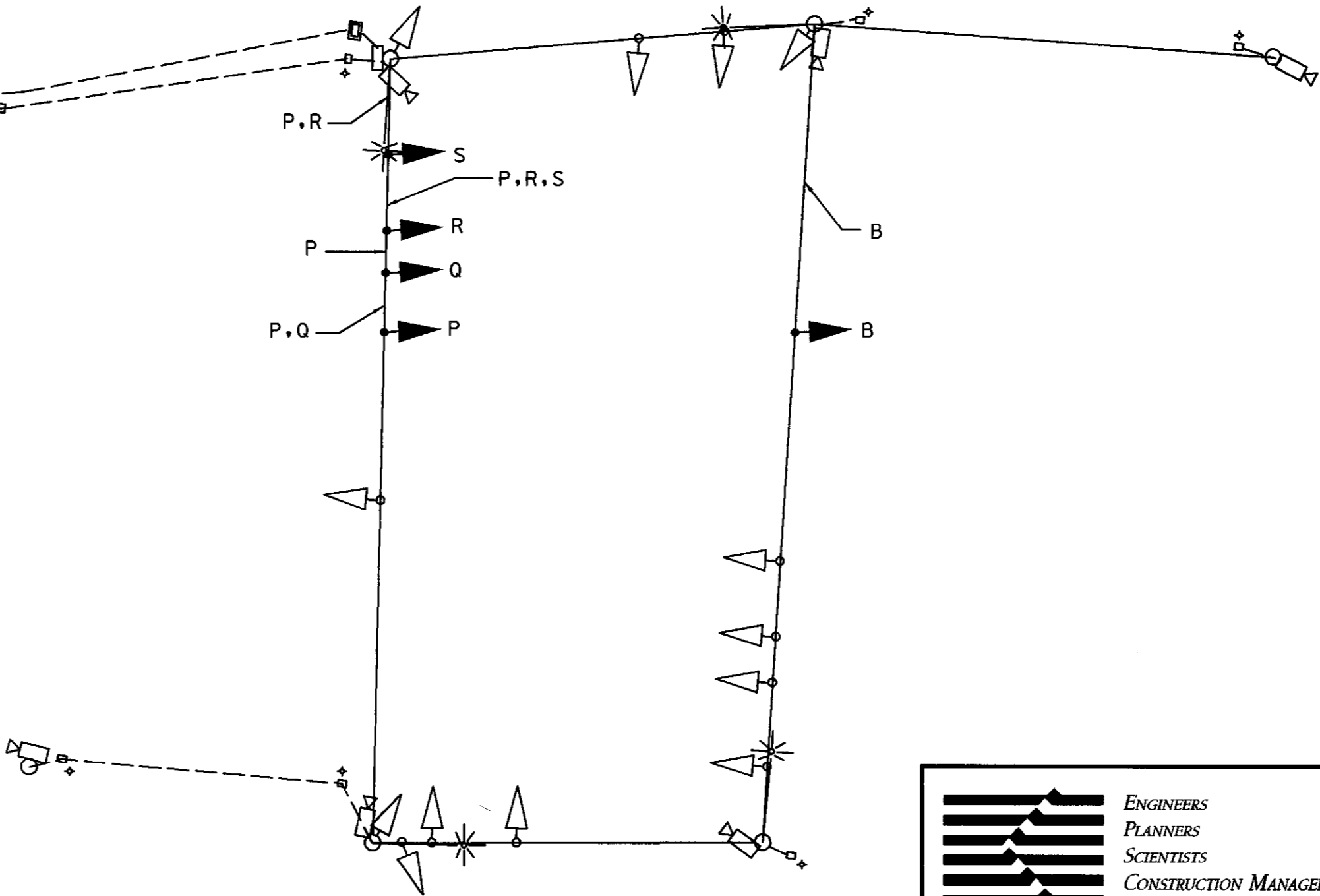
STAGE IV WIRING DIAGRAM
NOT TO SCALE

EXISTING WIRING LEGEND

Q,S - 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B,P,R - 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

NOTE: COIL EXCESS CABLE INSTALLED IN PREVIOUS PHASE AND RELOCATE AS SHOWN.

EXISTING WIRING NOT DETAILED SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED.



4 ADDENDUM NO. 4
MARCH 10, 2005
SHEET REPLACED

SP-11 OF SP-23



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TEMPORARY GENERAL INFORMATION SHEET (STAGE IV)
MD 210 INDIAN HEAD HIGHWAY AT MD 414 OXON HILL ROAD (DETOURED)

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

KCI
TECHNOLOGIES

10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

DRAWN BY: M. PIERRE	F.A.P. NO. SEE TITLE SHEET	TS NO. 67H-G1-P4	SHEET NO. 291 OF 402
CHECKED BY: J. LAWRENCE	S.H.A. NO. PG5075173	T.I.M.S. NO. E149	
SCALE: NONE	COUNTY: PRINCE GEORGE'S		
DATE: 12-7-04	LOG MILE: 16021012.95		